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Fracture energy release and size effect in borehole breakout

ZP Bazant, FB Lin, H Lippmann - International Journal for Numerical and Analytical Methods ..., 1993 - interscience.wiley.com

... Page 3. **FRACTURE** ENERGY RELEASE AND **SIZE** EFFECT IN BOREHOLE BREAKOUT 3 (a 1 L 2a h h ... of an infinite **space** due to creating a crack of length 2a. ...

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... optimization in scaling diodeend-pumped lasers to high powers: influence of thermal fracture

YF Chen - IEEE Journal of Quantum Electronics, 1999 - ieeexplore.ieee.org

... confirms our physical analysis and validates our **space**-dependent rate ... higher than 20 W before thermal **fracture** occurs. ... a-cut piece of the same **size**, to reduce ...

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Fracture strength of polysilicon at stress concentrations

J Bagdahn, WN Sharpe Jr, O Jadaan - Microelectromechanical Systems, Journal of, 2003 - ieeexplore.ieee.org

... obser- vation is that the local **fracture** strength is much higher at a **stress** concentration than it is for a smooth specimen. This implies a **size** effect and ...

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Natural fracture profiles, fractal dimension and joint roughness coefficients

NE Odling - Rock Mechanics and Rock Engineering, 1994 - Springer

... to the nature of **fracture** aperture **space** under small ... The statistics of **fracture** apertures have been ... the statistics of contact **size** distributions characterized ...

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Effect of stress concentration on tensile fracture behavior of carbon-carbon composites

Y Kogo, H Hattia, H Kawada, T Machida - Journal of Composite Materials, 1998 - jom.sagepub.com

... of **Space** Propulsion, Institute of **Space** and Astronautical ... the other hand, the linear elastic **fracture** mechanics can ... to remarkable difference in the **size** of the ...

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Patterns of vertical root fracture: factors affecting stress distribution in the root canal

V Lertchirakarn, JEA Palamara, HH Messer - Journal of Endodontics, 2003 - Elsevier

... varied systematically with respect to canal **size** and shape ... involved, but the mechanism of **fracture** leading to ... be generated within the canal **space**, the pattern ...

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[CITATION] A criterion for brittle fracture of rocks and concrete under triaxial stress and the effect of pore ...

SAF Murrell, C Fairhurst - Proc, 1963

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IMAGING OF STRESS INJURIES TO BONE Radiography, Scintigraphy, and MR Imaging

AL Deutsch, MN Coel, JH Mink - Clinics in sports medicine, 1997 - Elsevier

... Font **Size**: Decrease Font **Size** Increase Font **Size**. ... The **fracture** line is continuous with the cortex ... extends into the intramedullary **space** oriented perpendicular ...

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Effect of grinding on flaw geometry and fracture of glass

JJ MECHOLSKY, SW Freiman, ROYW RICE - Journal of the American Ceramic Society, 1977 - interscience.wiley.com

... as well ordered as the interlayer **space** of montmorillonite ... **Fracture** mechanics is combined with **fracture** surface analysis ... from the larger flaw **size** and slightly ...

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Process zone **size failure criterion and probabilistic **fracture** assessment curves for ceramics**

K Ando, BA Kim, M Iwasa, N Ogura - *Fatigue & Fracture of Engineering Materials & Structures*, 1992 - interscience.wiley.com

... Abstract-Data of **fracture** toughness and **fracture stress** of ceramics,

generally show considerable **size** effects and scatter. This ...

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